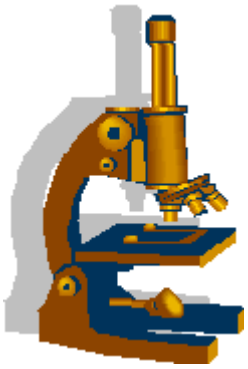

Department of Paediatric Pathology Yorkhill

USER MANUAL

GENERAL INFORMATION

Routine Service:

Monday to Friday
09.00 to 17.00 hours

No routine week-end services available

Public Holidays:

09.00 to 13.00 hours

Emergency Service:

Consultant on-call service provided: contact via RHSC switchboard

No BMS on-call service available

For surgical biopsy specimens contact the on-call Consultant Pathologist via the Switchboard

To arrange urgent postmortem examinations contact one of the Postmortem Technicians via the Switchboard

Mailing Address:

Department of Paediatric Pathology
1st Floor
Royal Hospital for Sick Children
Dalnair Street
Yorkhill
Glasgow
G3 8SJ

Accreditation and Quality:

The department is accredited by Clinical Pathology Accreditation (UK) Ltd. (CPA Reference number 0758)

The laboratory participates in external quality assurance schemes wherever applicable. Performance details are available to users on request.

Yorkhill telephone extension numbers

Yorkhill telephone extension numbers		
All general enquiries regarding surgical biopsy and postmortem reports: Medical Advice: contact through Pathology Office.	Pathology Office	0141 201 0398/0400
Advice on specimen collection and transportation:	Pathology Laboratory	0141 201 0403
Advice on postmortem examinations (postmortem requests and time of examination):	Mortuary	0141 201 0404
Laboratory Manager Quality Manager	Pathology Laboratory	0141 201 0405

Locations

Offices: the Pathology Department Offices are located on the first floor of the RHSC.

Laboratory: the Pathology Laboratory is based in the basement of the Laboratory Block. Entrance is from the car park level on the south side of the Laboratory Block.

Mortuary/Postmortem room: the Mortuary and Postmortem facilities are located adjacent to the Pathology Laboratory

Range of Services Available

Surgical biopsies

Postmortem examinations

Special techniques
(histochemistry, electron microscopy, immunohistochemistry, in-situ hybridisation, cytology including fine needle aspiration cytology, cilial beat frequency.

Specialist services
(neuropathology, forensic medicine)

Other facilities
(Thistle chapel, viewing room, parents' room)

Turnaround times
Hospital postmortems - 90% in 30 days (any delays beyond this are audited)
Placentas - 90% in 30 days
Surgical biopsies - 90% in 10 days

Surgical biopsy pathology:
Histological and frozen section diagnosis of biopsy and resection specimens.

Postmortem examinations:
Regional postmortem services in perinatal and paediatric pathology comprising examinations of therapeutic terminations of pregnancy, stillbirths, neonatal deaths, childhood deaths and adolescent deaths. The examinations are conducted to determine cause of death, exclude developmental anomalies and provide a basis for

genetic counselling and clinical audit. In addition services are provided for Procurators Fiscal in the West of Scotland (see below).

Special techniques:

Histochemistry:
Acetylcholinesterase histochemistry for diagnosis of Hirschsprung's disease in rectal biopsies. This requires fresh, ie., non-fixed tissue samples.

Electron microscopy:
Ultrastructural diagnosis of renal biopsies, cilial samples, paediatric tumours and other specimens. These samples must be submitted in gluteraldehyde fixative.

Immunohistochemistry:
Identification of tumour phenotype using antibody markers to specific antigen subtypes in both fresh frozen section tissue samples and paraffin wax embedded samples.

In situ hybridisation techniques:
Used for identification of EB virus and related markers in lymphomas and other tissue diseases.

Cytology:
Provided for rapid diagnosis in a limited number of clinical situations, particularly the exclusion of neoplasms.

Photometry/Cilial beat frequency analysis:
A service provided for out-patients and in-patients with respiratory system disorders. Contact the Pathology Office for further details of this investigation before arranging patient attendance.

Note: Renal biopsy specimens requiring immunofluorescence will be dissected by Pathology staff and the appropriate material sent to the Pathology Department ,Western Infirmary,Glasgow.

Other specialist services

Neuropathology:

Provided in house with additional specialist expertise by Consultant Neuropathologists at the Southern General Hospital, Glasgow.

Forensic medicine:

A specialist paediatric postmortem service is provided to Procurators Fiscal in the West of Scotland for the examination of cases of Sudden Unexpected Infant Death, cases dying acutely after admission to Hospital, post-operative deaths, road traffic accidents and cases of non-accidental injury and other unexplained cause of death.

All Pathology Department users who may be involved in cases requiring Procurator Fiscal examination should make themselves aware of the categories of death which should be reported to the Fiscal.

Other facilities

The Thistle Chapel, Viewing Room and Parents Room are available in the Mortuary area for baptisms, naming services, funeral services and private viewings.

Specimen Collection and Handling

See separate document,
http://library.nhsggc.org.uk/mediaAssets/Pathology/Paediatric%20Pathology%20Specimen%20Collection%20and%20Handling.pdf